

Piezoceramic pressure transducer e.g. for diesel fuel injector

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Classification:

- international: G01L9/08; G01L19/00; F02M65/00; F16L37/12

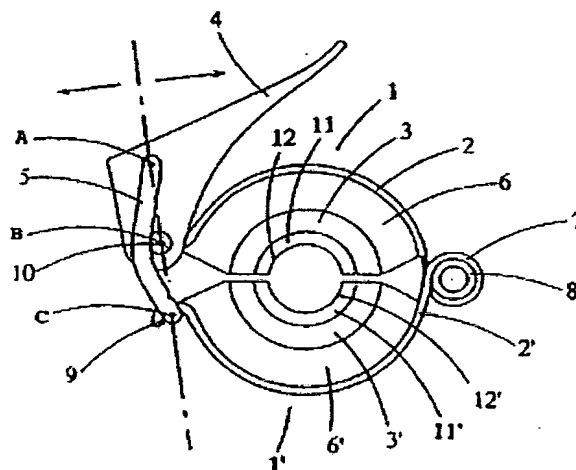
- european: G01L9/00A; G01L9/08; G01L23/10

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Abstract of FR2725787

The transducer includes two rigid half-jaws (1,1') which are in the form of stainless steel strips jointed together at one side (7) and closed at the other side by a lever (4) and spring loop (5). The semi-tubular, piezoceramic elements (3,3') are fixed to their supports (2,2') by intermediate pieces (6,6'). Jointing is performed using cylindrical coils which are held together by a hollow pin (8). On the closure side, one half-jaw (1) has a coil trapping the rivet (10) with the lever fixed to a support. The loop has elongated slots (15) for the ends of a bar (16) carrying a screw (17) for adjustment.



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